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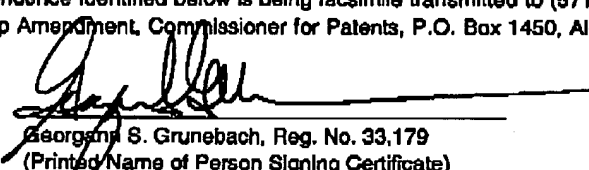
Attention:	Mail Stop Amendment Group Art Unit: 2611 Examiner: BAYARD, Emmanuel	Fax:	(571) 273-8300
UNITED STATES PATENT AND TRADEMARK OFFICE		Phone:	(571) 272-3016
Pages:	Cover + 2 + 2 + 1 = 6	Date:	May 10, 2006
From:	Georgann S. Grunebach Assistant General Counsel	Fax:	(310) 964-0941
		Phone:	(310) 964-4615

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Telephone No. (310) 964-4615

  
Georgann S. Grunebach, Reg. No. 33,179  
(Printed Name of Person Signing Certificate)May 10, 2006  
(Date of Signature)**Attention: Commissioner for Patents****Attorney Docket No. PD-200181**

Please find attached Re:

Serial No.: 09/844,401

Filing Date: April 27, 2001

- INFORMATION DISCLOSURE STATEMENT (2 pages in duplicate)
- SUBSTITUTE FORM PTO/SB/08B (1 page)

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If you do not receive all pages, or pages are not clear, please call Karen Lum at (310) 964-0735.

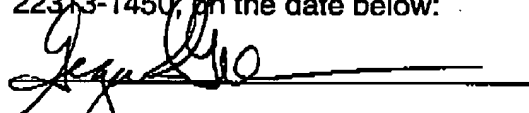
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Patent  
PD-200181  
Customer No. 020991

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ernest C. Chen

Serial No.: 09/844,401  
Filed: April 27, 2001For: LAYERED MODULATION FOR  
DIGITAL SIGNALSGroup Art Unit: 2611  
Examiner: Emmanuel Bayard: I hereby certify that this correspondence is  
: being facsimile transmitted to (571) 273-8300  
: (Centralized Facsimile Number) addressed to:: Mail Stop Amendment, Commissioner for  
: Patents, P. O. Box 1450, Alexandria, VA  
: 22313-1450, on the date below:: Georgann S. Grunebach

: Typed or printed name of person signing certificate

: Date: May 10, 2006

**SUPPLEMENTAL DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. § 1.97 (d)**  
**WITH FEE AS SET FORTH IN §1.17(p)**Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references cited on the enclosed form PTO/SB/08A may be relevant or material to the examination of the above-identified patent application and are, therefore, submitted in compliance with the duty of disclosure defined in 37 C.F.R. §1.56.

The references were cited in a Notice of Allowance dated April 10, 2006, in related U.S. patent application serial number 10/693,421 filed on October 24, 2003.

This statement should be considered because it is submitted after the period specified under 37 C.F.R. §1.97(c), but filed on or before payment of the issue fee as set forth in 37 C.F.R. § 1.97(d).

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Serial No. 09/844,401.....Page 2

Certification Under 37 C.F.R. §1.97(e)

No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the information disclosure statement (certification under 37 C.F.R. §1.97(e)(2)).

PAYMENT OF FEE SET FORTH IN §1.17(p)

Please charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California, in the amount of \$180.00. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to that account. **This form is being submitted in duplicate.**

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Respectfully submitted,

By:   
Georgann S. Grunebach, Reg. No. 33,179

The DIRECTV Group, Inc.  
RE/R11/A109  
P. O. Box 956  
El Segundo, CA 90245

Telephone No. (310) 964-4615

May 10, 2006

Substitute for form PTO/SB/08A  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	Complete if Known	
	Application Number	09/844,401
	Filing Date	April 27, 2001
	First Named Inventor	Ernest C. Chen
	Art Unit	2611
Date: May 10, 2006	Examiner Name	BAYARD, Emmanuel
Sheet 1 of 1	Attorney Docket Number	PD-200181

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-5,870,443	02-1999	Rahnema, Moe	
		US-2003/0138037	07-2003	Kaku et al.	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.